

California Regional Water Quality Control Board, Los Angeles Region

**Tissue, Sediment and Benthic Infauna Data
Malibou Lake**

Summary of Proposed Action

Proposed New Delistings

- Delist copper in tissue because the listing was based on Elevated Data Levels (EDLs) which no longer represent valid assessment guidelines.
- Delist chlordane in tissue since the listing was based on a level which is now below the Maximum Tissue Residue Level (MTRL) and the compound was not detected in 1997.
- Delist PCB in tissue since these were not detected in 1992 or 1997.

These actions all affect the aquatic life beneficial uses.

Table 1. 303(d) Listing/TMDL Information

Waterbody Name	Malibou Lake	Pollutants/Stressors	Delete: Cu (Tissue); chlordane (Tissue); PCB (Tissue)
Hydrologic Unit	404.24	Source(s)	
Total Waterbody Size	69	TMDL Priority	Copper: 68 Chlordane & PCBs: 61
Size Affected	69	TMDL Start Date (Mo/Yr)	
Extent of Impairment	Entire lake	TMDL End Date (Mo/Yr)	

Watershed Characteristics

The Santa Monica Bay Watershed Management Area (WMA), which encompasses an area of 414 square miles, is quite diverse. Its borders reach from the crest of the Santa Monica Mountains on the north and from the Ventura-Los Angeles County line to downtown Los Angeles. From there it extends south and west across the Los Angeles plain to include the area east of Ballona Creek and north of the Baldwin Hills. South of Ballona Creek the natural drainage area is a narrow strip of wetlands between Playa del Rey and Palos Verdes. The WMA includes several watersheds the two largest being Malibu Creek to the north and Ballona Creek to the south. While the Malibu Creek area contains mostly undeveloped mountain areas, large acreage residential properties and many natural stream reaches; Ballona Creek is predominantly channelized, and highly developed with both residential and commercial properties.

Water Quality Objectives Not Attained

EDLs have been determined to be an insufficient basis for impairment determination.

Beneficial Uses Affected

Aquatic Life

Data Assessment

Tissue (97): metals and organics levels low.

Table 2. Summary of Tissue Data for Malibou Lake

Dates of Sampling	7/17/97
Number of Samples (n)	1 (fish tissue)
Minimum Data Value	
Maximum Data Value	
Median Data Value	
Arithmetic Mean Value	
Standard Deviation	
Number (Percent) above Objective	

This table may summarize additional data not relevant to this factsheet that supports a continued listing for this waterbody.

Potential Sources

N/A

References

Toxic Substances Monitoring Program database.